

Title (en)

LOW-FREQUENCY DIAPHRAGM SPEAKER

Title (de)

TIEFTON-MEMBRANLAUTSPRECHER

Title (fr)

HAUT-PARLEUR A MEMBRANE DE GRAVES

Publication

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Application

EP 99967891 A 19991221

Priority

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Abstract (en)

[origin: WO0038474A2] The invention relates to a low-frequency diaphragm speaker comprising a housing (10) whose sides (13, 14, 15) enclose a space (25) which is embodied at the rear of a diaphragm (3). An opening (23) is situated in a surface of the sides (13, 14, 15) delimiting the space (25). The space (25) is so small that the resonance frequency at which the vibrations of the amplifier correspond to those of the diaphragm (3) in terms of amplitude is above 200 Hz (hertz), notably above 1,000 Hz (hertz), and thus in the frequency range of a midrange or high-frequency loudspeaker. The opening (23) is configured such that at each frequency of the low-frequency diaphragm speaker air exits the space at high air speed.

IPC 1-7

H04R 1/28; H04R 7/04

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